

Claims:

1. An electronic device comprising an internal compartment for retaining a detachable electronic unit; a back cover for closing said internal compartment and covering the unit when said unit is installed into said internal compartment; and electronic contacts, on a side of said internal compartment, for establishing an electrical connection with said unit when said unit is placed into said compartment, **characterised in** that said back cover comprises a guiding means for pushing said unit against said electronic contacts while closing said back cover.

2. An electronic device according to claim 1, **characterised in** that said guiding means is arranged for holding said unit against said electronic contacts while said back cover is closed for securing said electrical connection.

3. An electronic device according to claim 1 or 2, **characterised in** that said guiding means is arranged to align said unit transversally with said electronic contacts while closing said back cover.

4. An electronic device according to claim 1 or 2, **characterised in** that said guiding means comprises a protruding wedge means which are arranged to extend from a side of said back cover facing said compartment.

5. An electronic device according to claim 1 or 2, **characterised in** that said guiding means and said electronic contacts are dimensioned to press the unit between said guiding means and said electronic contacts with a force adequate for securing said electrical connection while said back cover is closed.

6. An electronic device according to claim 1, **characterised in** that said unit is a battery pack for an electronic device such as a communication unit.

7. An electronic device according to claim 1, **characterised in** that said unit is an extension card, such as a memory card.

5 8. A back cover for an electronic device, said device comprising an internal compartment for retaining a detachable electronic unit; and electronic contacts on a side of said internal compartment, for establishing an electrical connection with said unit when said unit is placed into said compartment, said back cover being arranged for closing said internal compartment and covering said unit when said unit is installed into said internal compartment, **characterised in** that said back cover comprises a guiding means for pushing said unit against said electronic contacts.

10 9. A back cover according to claim 8, **characterised in** that said guiding means is arranged for holding said unit against said electronic contacts while said back cover is closed for securing said electrical connection.

15 10. A back cover according to claim 8 or 9, **characterised in** that said guiding means comprises a protruding wedge means which are arranged to extend from a side of said back cover facing said compartment.

20 11. A method for retaining and locking a detachable electronic unit in an internal compartment of an electronic device, said device comprising electronic contacts on a side of said internal compartment for establishing an electrical connection with said unit, when said unit is placed into said internal compartment; and a back cover for closing said internal compartment and covering said unit when said unit is installed into said internal compartment, **characterised in** that the method comprises the step of pushing said unit towards and against said electronic contacts by using a guiding means arranged on said back cover while closing said back cover.

25 30 35 12. A method according to claim 11, **characterised in** that the method further comprises the step of holding said unit against said

electronic contacts with a force for securing said electrical connection by using said guiding means while said back cover is closed.

- 5 13. A method according to claim 11 or 12, **characterised in** that the method further comprises the step of sliding said loose unit towards said electronic contacts along the bottom of said compartment, and holding resiliently said unit between said guiding means and said electronic contacts while said back cover is closed.
- 10 14. A method according to claim 11 or 12, **characterised in** that the method further comprises the step of aligning said unit transversally with said electronic contacts while closing said back cover.